

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2825	222/325-328.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/20 13:51
L2	1471	222/80-81.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/20 13:54
L3	1572	222/386.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/20 13:58
L4	816	604/232-235.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/20 14:03
L5	206	604/211.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/20 14:06
L6	364	604/207.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/20 14:08
L7	295	cartridge and pins and ring and helical and protrusion and deflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/20 14:09
S1	1	("3144178").PN.	USPAT	OR	OFF	2004/12/30 14:04
S2	18	("3144178").URPN.	USPAT	OR	OFF	2004/12/30 14:24
S3	1402	222/326-327.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/24 10:21
S4	4157285	S3 and piston and cartridge rotat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/30 14:26

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S5	245	S3 and piston and cartridge and rotat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/30 14:27
S6	28	S5 and syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/30 14:27
S7	5	("4710178"   "4936833"   "4973318"   "5279585"   "5611783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/30 14:32
S8	5	("4710178"   "4936833"   "4973318"   "5279585"   "5611783").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/30 14:58
S9	29	("3348545").URPN.	USPAT	OR	OFF	2004/12/30 15:26
S10	7	((("3,880,162") or ("3,556,099") or ("5,496,286") or ("6,752,798") or ("6,036,675") or ("4,314,556") or ("4,973,318"))).PN.	USPAT	OR	OFF	2004/12/30 15:27
S11	190	604/211.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/05 11:04
S12	341	604/207.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/01/14 10:19
S13	31	S12 and expan\$4 and rotat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/05 10:34
S14	341	604/207.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/05 10:34
S15	31	S14 and expan\$4 and rotat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/02/05 10:34
S16	28	604/211.ccls.	USOCR	OR	OFF	2005/08/24 10:42

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S17	7	("4668220"   "4929234"   "5017190"   "5304152"   "5599314"   "6004297"   "6048336").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/05 10:51
S18	8	("5370629"   "5423757"   "5624408"   "5626566"   "5876377"   "5961495"   "6063059"   "6099504").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/05 10:59
S19	732	(expansion or expand) and piston and vial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/05 11:04
S20	266	S19 and "604"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/05 11:05
S21	5	("4592745"   "4936833"   "5114406"   "5226895"   "5938642").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/05 11:44
S22	1	("3964139").PN.	USPAT	OR	OFF	2005/02/05 11:44
S23	1	("5078698").PN.	USPAT	OR	OFF	2005/02/05 11:44
S24	10	("5078698").URPN.	USPAT	OR	OFF	2005/02/05 11:50
S25	51	"4723948"	USPAT	OR	OFF	2005/02/05 11:52
S26	9	"2392196"	USPAT	OR	OFF	2005/02/05 11:53
S27	12	"5000744"	USPAT	OR	OFF	2005/02/05 11:55
S28	24	"3115135"	USPAT	OR	OFF	2005/02/05 11:56
S29	34	"5244465"	USPAT	OR	OFF	2005/02/05 11:56
S30	1	("2956563").PN.	USPAT	OR	OFF	2005/02/07 07:40
S31	13	("2956563").URPN.	USPAT	OR	OFF	2005/02/07 07:40
S32	9	("2956563"   "3144178"   "4333456"   "4834717"   "4931040"   "Re16836").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/07 08:02
S33	11	("5002537").URPN.	USPAT	OR	OFF	2005/02/07 08:03
S34	9	("RE25113").URPN.	USPAT	OR	OFF	2005/06/28 10:25
S35	14	("4178071").URPN.	USPAT	OR	OFF	2005/06/28 11:04
S36	8	("4592745"   "4641766"   "4973318"   "5226895"   "5226896"   "5279585"   "5433352"   "5478316").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/28 11:14
S37	797	222/327.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/28 12:03

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S38	916	222/325.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/28 12:07
S39	56	S38 and expand	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/28 12:03
S40	265	S38 and (syringe or cartridge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/28 12:33
S41	4	((("2,392,196") or ("5,000,744") or ("3115,135") or ("5,244,465"))).PN.	USPAT	OR	OFF	2005/06/28 12:33
S42	11	("5000744").URPN.	USPAT	OR	OFF	2005/06/28 12:44
S43	20	("3115135").URPN.	USPAT	OR	OFF	2005/06/28 12:47
S44	11	("5000744").URPN.	USPAT	OR	OFF	2005/06/28 12:55
S45	29	("1987156"   "2072327"   "2178840"   "2185536"   "2587984"   "2691982"   "2720881"   "2767712"   "2893390"   "3115135"   "3506008"   "3572337"   "3586068"   "4225062"   "4267846"   "4390016"   "4411647").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/28 12:59
S46	20	("3115135").URPN.	USPAT	OR	OFF	2005/06/28 13:16
S47	5	("5531706").URPN.	USPAT	OR	OFF	2005/06/28 13:37
S48	1	("5435467").PN.	USPAT	OR	OFF	2005/06/28 13:37
S49	366	222/326-327.ccls.	USOCR	OR	OFF	2005/08/24 10:21
S50	29	("3348545").URPN.	USPAT	OR	OFF	2005/08/24 10:32
S51	282	nicolas and "222"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/24 10:55
S52	145	S51 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 10:43
S53	11	("4601409"   "5042688"   "5383574"   "5636762"   "5985357"   "6012607"   "6139639"   "6213354"   "6269975"   "6319317"   "6680078").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/24 10:50

## EAST Search History

S54	1269	222/389.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/24 13:54
S55	728	S54 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/24 10:55
S56	26	("1707058"   "2529028"   "2578994"   "2878969"   "3521671"   "4089437"   "4285445"   "4635848"   "4699298"   "4793491"   "5102010"   "5226878"   "5335821"   "5526956"   "5526957"   "5597085"   "5875921"   "5886957"   "5899362"   "6015068"   "6055831"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/24 10:59
S57	182	401/92.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:15
S58	431	401/93.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:27
S59	599	604/232.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/24 15:27
S60	13	("2956563").URPN.	USPAT	OR	OFF	2005/08/24 16:57